How **YOU** Can Participate in the Next Generation Internet (NGI) Initiative

For more information on the groups and activities summarized below, please contact the agency representatives listed on the enclosed NGI Contact Sheet.

Industry

- Participate in NGI testbeds coordinated by the Federal <u>Joint Engineering Team</u> (JET). The JET coordinates large-scale, multi-agency, network engineering activities for the NGI. Projects include network exchange points, international connections, traffic monitoring, and pilot projects involving research on quality of service/differentiated service, multicast, and security.

- Participate in Federal agency NGI workshops on soon-to-be-introduced advancements in NGI technologies. Recent workshop topics have included quality of service/differentiated service and middleware.

Researchers

- Participate in research coordinated by the Federal <u>Networking Research Team </u>(NRT). The NRT coordinates multi-agency research in differentiated service, multicasting, network management and operations, and privacy and security.

- If you are a federal researcher developing an application that would benefit from advanced NGI technologies, contact the Federal <u>High Performance Networking Applications Team</u> (HPNAT). The HPNAT coordinates advanced network applications across Federal agencies and conducts outreach to identify new applications and inform relevant communities of its activities.

- If you are a university researcher with an application that would benefit from high performance network capabilities, apply for meritorious use of NGI networks (NSF for vBNS applications and NASA for NREN applications, for example).

- Participate in Federal agency NGI workshops.

Federal Agencies

- Participate in activities of the <u>Large Scale Networking Group</u> (LSN) and its Teams (listed below). The LSN coordinates the operation and peering of advanced Federal networks, including the:

DREN	DoD's Defense Research and Engineering Network
ESnet	DOE's Energy Sciences Network
NREN	NASA's Research and Education
VBNS	NSF's Very High Performance Backbone Network Service

  LSN research and support activities include global-scale communications, network security, satellite technologies, special purpose connectivity programs, and network-based applications. The LSN teams are:

  - <u>Joint Engineering Team</u> (JET): described above.
  - <u>High Performance Networking Applications Team</u> (HPNAT): described above.
  - <u>Networking Research Team</u> (NRT): described above.
  - <u>Information Security Team</u> (IST): The IST coordinates Federal R&D to develop, test, and demonstrate advanced Internet security technologies, promotes interoperability and deployment, and is a clearinghouse for Internet security implementation information.

- Participate in the <u>Federal Information Services and Applications Council</u> (FISAC): The FISAC fosters the migration of technologies from the information technology R&D community to government applications and identifies information technology R&D challenges in government applications. Its multi-agency activities focus on crisis management, digital government, Federal statistics, NGI applications, and universal access.

Media

- Contact the <u>National Coordination Office for Computing, Information, and Communications</u> (NCO/CIC) for general information about the NGI initiative. The NCO/CIC coordinates CIC R&D, including the NGI Initiative, by facilitating multi-agency R&D, including developing multi-agency programs and preparing planning, budget, and assessment reports. It also supports the President's Information Technology Advisory Committee.

- Contact a <u>Large Scale Networking Group</u> (LSN) agency representative to learn more about specific NGI accomplishments and projects.

- Visit the NCO/CIC Web site at *http://www.ccic.gov/* and the NGI Web site at *http://www.ngi.gov/*.